

| ADVISORY: 4054 |
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DATABASE ADMINISTRATION

| DATE: 11/16/82 |
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| TITLE: ADSO Terminal Security |
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| Purpose |
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To announce the availability of a program that will return the physical terminal ID to an ADSO DIALOG.

| Use of S079A030 |
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To access the terminal security program the following steps must be performed.

When creating the dialog using AD SG, copy record DBTERM Version 1 into the DIALOG.

In the ADSO DIALOG source, the ADSO DIALOG that is to use the physical terminal ID must contain a link to the S079A030 security program coded as follows:

LINK TO PROGRAM 'S079A030' USING (DBTERM) .

Control will be returned to the next sequential instruction following the link instruction.

In your ADSO DIALOG source, code an appropriate test to check that the DIALOG is being used on an acceptable terminal for your application.

The format of the DBTERM record is as follows:

The record will have a length of 9 characters.

The 1st character is a status field with one of the following values being returned.

'C' if the terminal is executing under CICS
'T' if the terminal is executing under TSO
'E' if the program could not find a terminal ID

The 2nd field is contained in characters 2 thru 9 and contains a terminal ID.

If the terminal is running under CICS then it will return the physical terminal ID, followed by four spaces.

If the terminal is running under TSO then it will return the TSO ID, followed by one space.

If the status field contains an 'E' then the 2nd field will contain blanks.

The following is a COBOL record description of the DBTERM record.

```
01 DBTERM.  
05 DBTERM-CODE-BYTE PIC X.  
88 DBTERM-CICS VALUE 'C'.  
88 DBTERM-TSO VALUE 'T'.  
88 DBTERM-ERROR VALUE 'E'.  
05 DBTERM-TERMINAL-ID PIC X(8).
```

Responsibilities

Maintenance of any source or list of acceptable terminal ID's or TSO's shall be the responsibility of the user. Data Base Administration will not change, modify, or maintain any list of terminal ID's for security purposes.

Data Base Administration is responsible for correct operation and maintenance of the terminal security program 'S079A030'.

This document is the current version of Advisory 2.15.7006 that had been issued by the Comptrollers Data Processing Division